

Changes in the Specification

If the specification before the Examiner does not already include a page 3, please insert the attached Page 3 into the appropriate place in the specification.

Rewrite the paragraph beginning at page 10, line 21 as follows:

G ~~"It has been suggested to provide~~ In my own work leading up to the invention described below, I considered providing remote access for profiling agents via the JVMPI to achieve greater portability. Figure 3 shows the constituent parts of ~~this proposal~~ what I considered. A computer 207 runs a profiling agent 280 which profiles a JVM 200 running on a second computer 205. The JVM 200 sends events via a JVMPI 210 to a proxy 220. Proxy 220 is 'C' code and is responsible for receiving the profiling data generated by the JVM 200. In order to communicate this to computer 207 and ultimately the profiling agent 280, the event flow has to re-enter Java via a second JVM 230. It does this using the Java Native Interface (JNI) 225. This re-entry is so that existing java mechanisms can be used to transport the events to the profiling agent running on computer 207. Thus I believed transparency ~~can~~ could be achieved, this being the primary aim. The intention is to have the profiling agent write to the JVMPI interface, whilst being completely unaware as to whether it is running locally or remotely."

Rewrite the paragraph beginning at page 11, line 13, as follows:

G [~] "In order to transmit events to the profiling agent there is a java proxy 235 running within JVM 230. This calls a remote method (java proxy) 265 running on computer 207 via a Remote Method Invocation (RMI) interface 255. Thus an existing protocol, Java Remote Method protocol (JRMP), is used to communicate with computer 207. Remote Method (Java Proxy) 265 runs within a third JVM 260 and receives the events. As disclosed, these are then communicated via the JNI 226 to the profiling agent ~~285~~ 280. Intelligent caching of data is built-in, in order to minimise the network traffic."

Rewrite the paragraph beginning at page 11, line 25, as follows:

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“~~In reality~~ After doing the work, I concluded this scenario would not achieve its primary aim of transparency. The profiling agent would realise that the events it received from JVM 226 had indeed come from its local machine 205 rather than the true originator, JVM 200. This is because JNI interface 256 is presented to the profiling agent, rather than a JVMPI interface as should be the case. I stopped the described work without revealing it publicly and proceeded with completion of the invention described herein.”

Delete the paragraph beginning at page 12, line 5, namely:

“~~The unachieved original aim of transparency has forced some complex design issues highlighted above. Performance is also likely to be significantly impeded.~~”